

Title (en)
Tire information detector

Title (de)
Reifeninformationsdetektor

Title (fr)
Détecteur d'informations sur le pneu

Publication
EP 1880873 A2 20080123 (EN)

Application
EP 07013607 A 20070711

Priority
JP 2006199604 A 20060721

Abstract (en)
There is provided a tire information detector to promptly and accurately detect tire information such as pressure of a tire. The tire information detector includes a transponder including a resonator and disposed in a tire of a vehicle; and a controller disposed in a vehicle body, transmitting an excitation signal allowing the resonator to resonate to the transponder, receiving a resonance signal concerning a resonance frequency of the resonator, and calculating a measurement value in accordance with the resonance frequency of the resonator. The controller determines a frequency of the excitation signal based on the resonance frequency of the resonator obtained from previous communications with the transponder.

IPC 8 full level
B60C 23/04 (2006.01)

CPC (source: EP US)
B60C 23/0433 (2013.01 - EP US); **B60C 23/0449** (2013.01 - EP US)

Cited by
EP3647082A1

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DE FR GB

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AL BA HR MK RS

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EP 1880873 A2 20080123; **EP 1880873 A3 20110921**; **EP 1880873 B1 20170426**; JP 2008024177 A 20080207; JP 4790527 B2 20111012; US 2008169915 A1 20080717; US 7705718 B2 20100427

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